Not C=05 1 el 1/08/

PTO/SB/08B (08/03) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO 10/724,222 **Application Number** December 1, 2003 **Filing Date** INFORMATION DISCLOSURE **First Named Inventor** Jon Elliot ADLER, et al. STATEMENT BY APPLICANT **Art Unit** 1649 (use as many sheets as necessary) John Ulm **Examiner Name Sheet** 1 of 4 **Attorney Docket Number** 67824.407204

U.S. PATENT DOCUMENTS							
*Examiner Initials	Citie No.	DOCUMENT NUMBE Number - Kind Code (if kn	i ublication bate	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1.	US- 6,383,778	05-07-2002	Zuker, et al.			
	2.	US- 5,993,778	11-30-1999	Firestein, et al.			
	3.	US- 2003/0054448	03-20-2003	Adler, et al.			
	4.	US- 2003/0040045	02-27-2003	Zuker, et al.			
	5.	US- 2003/0082278	01-30-2003	Zuker, et al.			
	6.	US- 2003/002228	01-30-2003	Zuker, et al.			
	7.	US- 2002/0168635	11-14-2002	Zuker, et al.			
	8.	US- 2003/0008344	01-09-2003	Adler, et al.			
	9.	US- 2002/0160424	10-31-2002	Adler, et al.			
	10.	US- 2002/0151052	10-17-2802	Chaudhari, et al.			
	11.	US- 2002/0094551	07-18-2002	Adler, et al.			
	12.	US- 2002/0051997	05-02-2002	Zuker, et al.			
	13.	US- 6,540,978	04-01-2003	Margolskee, et al.			
	14.	US- 2003/0036089	02-20-2003	Wei, et al.			
	15.	US- 2003/0166137	09-04-2003	Zuker, et al.			
	16.	US- 2005/0106571	05-19-2005	Erlenbach, et al.			
	17.	US- 2007/0105159	05-10-2007	Erlenbach, et al.			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
EVALA	VED SIC	NATUDE					

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08B (08/03) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Not congiled 1/11/08 2

Substitute for form 1449/PTO					Ar	oplication Number	10/724,222				
INFORMATION DIGGL COURS				^!!DE	Fi	ling Date	December 1, 2003				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Fi	rst Named Inventor	Jon Elliot ADLER, et al.				
					Ar	t Unit	1649				
	(us	e as	i many s	sheets as necessal	ry)	Ex	caminer Name	John Ulm			
Sheet		2 o	f 4	1		At	torney Docket Number	67824.407204	-	-	
				F	OREIGN F	PAT	TENT DOCUMENTS				
FOREIGN PATENT											
		DOCUMENT					Pages, Columns, Lines,	TRANSLATION			
*Examiner initial	Cite No.			y Code Number-Kind ode (if known)	Publication D MM-DD-YYY		Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	YES	NO	
	18.]	wo	00/06593	02-10-2000)	Zuker, et al.				
	19.]	wo	02/064631 A2	08-22-2002	2	Adler, et al.				
	20.		wo	01/83749	11-08-2001	1	Bachmanov, et al.				
	21.		wo	03/025137	03-27-2002	2	Liao, et al.				
	22.		wo	01/66563 A2	09-13-2001	1	Adler, et al.				
	23.		wo	03/001876 A2	01-09-2003	3	Adler, et al.				
	24.		wo	2005/015158 A 2	02-17-2005		Li, et al.				
	25.		wo	00/06592	02-10-2000)	Xuker				
	26.		wo	01/64882	09-07-2001	 	Glucksmann, et al.				
		}									
								,			
				ţ							
	 _										
	ļ										
		_									
		_									
							·		Q		
EXAMINER SIGNATURE				DATE CONSIDERED							

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1/11/08 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/724,222			
			Filing Date	December 1, 2003			
			First Named Inventor	Jon Elliot ADLER, e	et al.		
			Art Unit	1649			
	(use	e as many sheets as necessary)	Examiner Name	John Ulm			
Sheet	ા	3 of 4	Attorney Docket Number	67824.407204			
		OTHER DOCUMENTS - NON-	-PATENT LITERATURE	DOCUMENTS			
*Examiner	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
	27.	Xiadong Li, et al., "Human Receptor	Xiadong Li, et al., "Human Receptors for Sweet and umami taste", Proceeding of the National Academy of Science, Vol. 99, No. 7, pg. 4692-4696, April 2, 2002.				
	28.		Database EMBL 'Online!, embl heidelberg; Acc#: Ac062024, June 21, 2000.				
	29.	E. Adler, et al., A Novel Family of Mammalian Taste Receptors", Cell, Vol. 100, No. 6, pg. 693-702, March 17, 2000.					
	30.	Guo, et al., "Protein Tolerance to Random Amino Acid change", PNAS, Vol. 101, No. 25, pg. 9205-9210, June 22, 2004.					
	31.	Nelson, et al., "Mammalian Sweet Taste Receptors", Cell, Vol. 106, pg. 381-390, August 10, 2001.					
	32.	Nelson,et al., "An Amino-acid Taste Receptor", Nature, Vol. 416, pg. 199-202, March 14, 2002.					
	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.					
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 13061310, March 16, 1990.					
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.					
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.					
	37.	GenBank Accession Number AA907022, May 19, 1998.					
EXAMI	EXAMINER SIGNATURE DATE CONSIDERED						
		Initial if reference considered, whether or n conformance and not considered. Include			ine thro	ough	

Not (045:02

PTO/SB/08B (08/03) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO			Application Number	10/724,222				
l	-01		Filing Date	December 1, 2003				
		RMATION DISCLOSURE	First Named Inventor	Jon Elliot ADLER, &				
31		EMENT BY APPLICANT	Art Unit	1649				
(use as many sheets as necessary)			Examiner Name	John Ulm				
Sheet		4 of 4	Attorney Docket Number	67824.407204				
-	The they be distributed of the transfer of the							
OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the								
*Examiner Initials	Cite No.	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			-	SLATION		
	38.				YES	NO D		
		Distract Topographic Selectivity", Cell, V	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.					
	39.	Lindemann, "A Taste for Umami", Natu 2000.	Lindemann, "A Jaste for Umami", Nature Neuroscience, Vol. 3, No. 2, pg. 99-100, February 2000.					
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.						
	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.						
	42.	Sue C. Kinnamon and Thomas A. Cum Taste", Annu. Rev. Physoil., Vol. 54, pg	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physoil., Vol. 54, pg. 715-731, 1992.					
				·				
		·						
EXAMIN	VER S	GIGNATURE	DATE CONSIDERED					
*EXAMII	NER:	Initial if reference considered, whether or in conformance and not considered. Include of	not citation is in conformance v	with MPEP 609. Draw lin	ne thro	ough		